



## Day 3 (25th of October)

### 8:30 Registration

Space: Ceremonial Hall Cloister

**9:00 3rd Keynote Talk “Programming and forming objects with modular robots to enable a programmable matter” (Benoît Piranda, Univ. Bourgogne-Franche-Comté, Institut FEMTO-ST, CNRS (France))**

Room: Ceremonial Hall

### 10:00 - 11:30 Track Papers (Industrial Applications - chair: Simon Mayer).

Room: Garate

- Quality-aware Service Selection Approach for Adaptive Context Recognition in IoT (*Elif Eryilmaz, Frank Trollman and Sahin Albayrak*)
- Interoperable Digital Twins in IIoT Systems by Transformation of Information Models (*Marie Platenius-Mohr, Somayeh Malakuti, Sten Grüner and Thomas Goldschmidt*)
- How IOT and computer vision could improve the casting quality (*Iker Pastor-López, José Gaviria de La Puerta, Borja Sanz, Aitor Goti and Pablo García Bringas*)
- (short) Embracing Opportunities of Livestock Big Data Integration with Privacy Constraints (*Franz Papst, Olga Saukh, Kay Roemer, Florian Grandl, Igor Jakovljevic, Franz Steininger, Martin Mayerhofer, Jürgen Duda and Christa Egger-Danner*)

### 11:30 Morning Break (brunch)

Space: Ceremonial Hall Cloister

### 12:00 - 13:20 Track Papers (Web of Things - chair: Matthias Kovatsch).

Room: Garate

- Enabling easy Web of Things compatible device generation using a Model-Driven Engineering approach (*Markel Iglesias-Urkia, Abel Gómez, Diego Casado-Mansilla and Aitor Urbieta*)
- Escaping the Streetlight Effect: Semantic Hypermedia Search Enhances Autonomous Behavior in the Web of Things (*Simon Bienz, Andrei Ciortea, Simon Mayer, Fabien Gandon and Olivier Corby*)
- (short) WoTbench: A Benchmarking Framework for the Web of Things (*Raoufeh Hashemian, Niklas Carlsson, Diwakar Krishnamurthy and Martin Arlitt*)
- (short) Privacy-Preserving IoT Cloud Data Processing Using SGX (*Pascal Gremaud, Arnaud Durand and Jacques Pasquier*)

### 13:30 - Closing Ceremony + Welcome IoT 2020

Room: Garate